

OST 577 – Psychopathology

Fall Semester 5 – 2020

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Notice to Students: Although course syllabi at MSUCOM have a consistent format, vitally important details differ by course. For this reason, you must read the syllabus thoroughly at the onset of each course to know what the course will provide and what is expected of you.

Section 1 – Course Information

Course Description

Psychopathology (OST 577) is a 2-credit hour course that provides students with an introduction to abnormal human behavior and psychopathology. An introduction to psychiatric and addiction medicine, including diagnosis, assessment, and treatment will be undertaken.

Course Goals

Prepare students for psychiatry and other medical clerkships that involve delivery of care, including assessment/diagnosis/treatment, to patients with mental health and substance use problems.

College Program Objectives

In addition to the course-specific goals and learning objectives, this preclerkship course also facilitates student progress in attaining the College Program Level Educational Objectives, which are published in the MSUCOM Student Handbook.

Psychopathology

Orientation

1. Describe the *DSM* and how it is utilized in psychiatric care.
2. Compare and contrast psychiatry with other fields of medicine.

Depression

3. Identify symptoms of major depression, persistent depressive disorder, and disruptive mood dysregulation disorder.
4. Describe the work up and treatments for major depression, persistent depressive disorder and disruptive mood dysregulation disorder.
5. Describe risk factors and the safety assessment for suicidal and homicidal ideation, including implementation of treatment and safety measures.

Anxiety

6. Describe anxiety disorders, especially panic, generalized anxiety, social phobia, and obsessive-compulsive disorders, and appropriate therapeutic and pharmacologic treatments.

PTSD Post Traumatic Stress Disorder

7. Describe the causes and presentations of PTSD and acute stress disorder.
8. Understand the neurobiology underlying the symptoms of PTSD.
9. Describe treatments, both pharmacologic and psychotherapeutic for PTSD.

An Overview of Mood Disorders

10. Define mania and differentiate between Bipolar I, Bipolar II, and dysthymia.

Online Mental Status Exam Module

11. Describe the components of the psychiatric mental status exam.
12. Differentiate between normal and abnormal mental status exam findings, especially those indicative of major mental illness.

Medical Conditions with Psychiatric Presentations

13. Identify general medical conditions and medications that might present with psychiatric symptoms.

Psychotherapy

14. Describe psychotherapy and when it may be helpful, with special emphasis on cognitive and/or behavioral therapy, and dialectical behavior therapy.
15. Identify analytic therapeutic processes, including transference/countertransference and defense mechanisms.

Sexual Disorders

16. Describe the sexual response cycle, including the neurobiology of normal and abnormal function.
17. Identify sexual dysfunctions, including medical and substance-induced causes, and describe their treatments.
18. Identify sexual paraphilia disorders and describe available treatments.

Ethics

19. Distinguish between situations where patient confidentiality should be maintained or broken, including Tarasoff Duty.
20. Differentiate between different types of boundary violations and boundary crossings.
21. Distinguish between situations where patient autonomy should be maintained, such as informed consent, or taken away such as lack of capacity.

Personality Disorders

22. Recognize symptoms of individual personality disorders, especially borderline personality disorder, and be able to differentiate between schizoid and schizotypal personality disorders.

Eating Disorders

23. Recognize signs and symptoms, psychiatric and medical, encountered in the primary care setting that may be indicative of eating disorders, especially anorexia nervosa and bulimia.
24. Describe appropriate treatments for eating disorders, especially weight restoration and therapy.

Psychotic Disorders

25. Define and recognize psychotic symptoms.
26. Define, recognize, and differentiate the psychotic disorders by symptoms and timelines.
27. Recognize the standard treatments for psychotic disorders and complications associated with those treatments.

Online Addictions Module

28. Recognize physical and psychiatric effects of hallucinogens, inhalants, steroids, and nicotine.
29. Describe counseling interventions for substance use including motivational interviewing.
30. Describe urine drug screening including false positive tests.

Addiction Medicine

31. Describe the addiction reward pathway.
32. Identify the signs and symptoms associated with acute intoxication and withdrawal.
33. Describe the treatments for intoxication and withdrawal.

34. Describe the chemical actions, medical complications/risks, and treatment interventions to maintain abstinence for commonly abused substances.

Somatic Symptom Disorder and Other Related Disorders

35. Define and differentiate the somatic symptom disorders and related disorders, body dysmorphic disorder, factitious disorder and malingering.
36. Understand the standard treatments for each somatic symptom disorder, related disorder, body dysmorphic disorder and factitious disorder.
37. Define primary and secondary gain and apply the concepts to differentiate the somatic symptom disorders from factitious disorder, and malingering.

Child and Adolescent Psychiatry

38. Identify psychiatric disorders that commonly present or have an onset in childhood or adolescence.
39. Identify the appropriate treatment strategies for child and adolescent disorders.
40. Develop an awareness of the unique presenting symptoms in child/adolescent psychiatric disorders.

Women's Mental Health

41. Describe the hormonal influences on neurotransmitters as they relate to Women's Mental Health.
42. Identify risk factors for and symptoms of post-partum depression, anxiety, mania and psychosis.
43. Discuss the appropriate treatment for psychiatric disorders during pregnancy and lactation.
44. Describe the symptoms and treatments of Premenstrual Dysphoric Disorder.
45. Understand the symptoms of perimenopause/menopause and the treatment of vasomotor and mood symptoms related to this time.

Psychopharmacology:

Pharmacology of Antipsychotic and Mood Stabilizing Drugs

46. Describe the mechanisms of action and adverse effects of the antipsychotic medications, especially extrapyramidal symptoms.
47. Describe the mechanisms of action and adverse effects of the mood stabilizer medications; including lithium, valproic acid, carbamazepine, oxcarbazepine, lamotrigine, and topiramate.

Pharmacology of Antidepressant Drugs

48. Describe the clinical uses, mechanisms of action, and adverse effects (especially serotonin syndrome and hypertensive crisis) of the antidepressant medications.

Pharmacology of Anxiolytic Drugs and Hypnotics

49. Describe the appropriate use of SSRIs for treatment of anxiety disorders.
50. Describe the appropriate clinical use, mechanism of action, and adverse effects of benzodiazepines, including treatment of overdose.
51. Describe mechanisms of action of, indications for, and any known adverse effects for hypnotics such as zolpidem and melatonin.

Geriatric Psychiatry

52. Differentiate between the presentation and treatment of later life versus earlier life depression.
53. Describe causes, presentation, and treatment of anticholinergic toxicity.
54. Differentiate between grief and major depression.

Dementia and Delirium

55. Define delirium and dementia. Describe the common etiologies, work up and assessment of delirium and dementia.
56. Select the most appropriate behavioral or pharmacologic plan for an older adult with delirium or dementia. Differentiate between types of dementia, delirium, and depression.

Cultural Psychiatry

57. Define cultural psychiatry, cultural concepts of distress, and cultural transference.
58. Describe culturally sensitive clinical approaches to patients with psychiatric presentations.
59. Describe ethnopsychopharmacology and its clinical impacts.

Learning objectives are provided to give students an outline to, and sense of, important course content. However, students may be tested on course content not specifically detailed in the objectives.

Course Coordinators/Primary Course Faculty

(Note - Preferred method of contact is shown in italics)

Name: Alyse Ley, D.O.
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Phone: 517-353-3070
Email: smithbmd@msu.edu
Address: 965 Wilson Road, Room A236

Curriculum Assistants

Site	Name	Email	Phone
East Lansing	Gini Larson	larsonv2@msu.edu	517-353-4734
DMC	Donna Stern	sterndon@msu.edu	313-578-9667
MUC	Rose Shubeck	shubeckr@msu.edu	586-263-6711

Small Group Faculty

Site	Name	Email
DMC	Debalina Bandyopadhyay	bandyop4@msu.edu
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Lines of Communication

- Whenever possible, please contact your Psychopathology Student Liaisons for course-related concerns. They will collect, organize, and deliver these concerns to the course administration.
- For all other questions, please contact Gini Larson and she will forward to the correct person.
- Individual phone or Zoom contact with the course coordinators may be set up on an as-needed basis and also arranged through Gini Larson.
- Announcements – Course-related communication to the class will be made through D2L (Course Website). Students should check for announcements on a daily basis.
- For absences/missed exams (see excused absence information on page 13 of the syllabus)

Course Liaisons

The following students have volunteered to serve as OST 577 Course Liaisons:

East Lansing: Serena Chouman (choumans@msu.edu), Shea Repins (srepins@msu.edu), Peter Stephan (stepha27@msu.edu)

DMC: Amira Al-Nabolsi (alnabol1@msu.edu)

MUC: Brad Bamford (bamfordb@msu.edu)

Office Hours

Questions concerning the course may also be discussed during the weekly Office Hours. See times and dates below (Zoom links TBA):

Day of Week	Date	Time
Friday	9/18/2020	11:00-11:50 am
Thursday	9/24/2020	11:00-11:50 am
Thursday	10/01/2020	11:00-11:50 am

Course Web Site

The URL for the Course website is: <https://d2l.msu.edu/d2l/home/1187500>

Textbooks and Reference Materials

Required

- OST 577 Course Pack
- Required Readings: In preparation for the small group discussions, students are responsible for completing the assigned readings. There are 2 required articles assigned for each small group session. Links will be posted in D2L. **There will be quiz and final examination questions generated from the required readings. Content from the assigned readings for small group #1 will be tested at the beginning of the first Super Session on Friday, September 18, 2020. Content from the assigned readings for small group #2 will be tested at the beginning of the third Super Session on Tuesday, September 29, 2020.**

Recommended

Andreasen & Black (2020). Introductory Textbook of Psychiatry, 7th ed., American Psychiatric Publishing Inc. ISBN: 978-1615373192

(<http://ezproxy.msu.edu/login?url=https://psychiatryonline.org/doi/book/10.1176/appi.books.9781615373758>)

Course-based Academic Support

The value you derive from this course (and those that follow it) will depend on many factors, but most importantly, the amount of time and effort you put into it. In undergraduate courses, students often concentrate on just getting through the next exam or individual courses. But medical education is different because it is cumulative. Study for understanding, not just short-term memorization. This will allow you to understand concepts and carry them forward with you to the next step in your medical education.

You are strongly urged to:

- Consult the course D2L web site frequently to see announcements and to access various study aids (e.g., follow-up to in-lab problem sets, practice exam questions, and answers to frequently asked questions).
- Complete the preparatory work assigned for each lab and lecture session; this includes working through the online modules, problem sets or any other advance study activities.
- Attend every lecture and lab session. Plan to stay to the end of each lab session, in order to take full advantage of the opportunities to interact with faculty.
- Actively annotate your Course Pack as you prepare for each class session, as each class session progresses, and also during your follow-up study.
- Avail yourself of the opportunities for help provided by the course faculty – especially at scheduled Office Hours.
- Proactively ask for clarification regarding course protocol and content issues as soon as they come to your attention. **Course Coordinators may not be able to answer any course-related questions after 5 p.m. the evening before the final examination.**
- Keep in mind that you can contact course faculty through the Psychopathology Student Liaisons or by e-mail through Gini Larson. Note: Whenever you pose a question by e-mail, include what you THINK the answer is. This makes it much easier for the instructor to either confirm your understanding or to see where you are going off-track.
Attend the course Help Session/Office Hours, which is scheduled prior to the course exam.
(Thursday, October 1, 11:00 to 11:50 am; Zoom link TBA)
- Study groups - Many students find it beneficial to study with one or more partners, and we strongly encourage this activity. Studying together can be efficient (what one student doesn't understand, another one will), stimulating (personal interaction can help keep you focused and alert), and motivating (commitment to a partner supplements self-discipline). We encourage you to study with suitable partners. We caution you, however, to avoid study groups that turn into "gab fests" or where one or two students do all the talking. Remember, you may THINK you understand a concept when you hear someone else explain it, but you'll KNOW you understand the concept only when YOU can explain it to someone else. So, make sure you get to talk in your study group!
- Caution: Scribe note services are not sanctioned by MSUCOM and are not endorsed by the course faculty. Course faculty assume no responsibility whatsoever for errors in the "scribe notes". It is unwise to expect the "scribes" to substitute for your own attendance in lecture or lab, your own note taking, or your own studying.

Additional academic support resources can be accessed here: [MSUCOM Office of Academic Success and Career Planning](#).

Courses begin and end dates

OST 577 begins on September 11, 2020 and ends on October 2, 2020. See addendum for detailed daily course schedule.

Super Sessions

There are 3 live webinars (Zoom links TBA), one for each full week of the course. These sessions will review, and sometimes add to, materials from the preceding lectures/online modules in a case-based format with student responses via Zoom Polling. As part of each Super Session, there will be a 5-question quiz with short, multiple choice questions based on the preceding lectures/online modules and any assigned readings for the Small Groups. With the 3 Super Sessions, there will be a combined 15 questions, and students may earn a possible 10 points. Final Exam questions may be based on these case materials. The final course grade needs to be 75 points or more with a possible 90 points from the Final Exam and a possible 10 points from the Super Session Quizzes. Dates/times of each Super Session in addition to the lectures/small group readings covered are as follows:

Super Session #1: 9/18/2020, 1-3:50 pm (9/11-9/15/20 recorded lectures and readings for Small Group #1)

Super Session #2: 9/23/2020, 1-3:50 pm (9/16-9/21/20 recorded lectures/online modules)

Super Session #3: 9/28/2020, 1-3:50 pm (9/22/20-9/28/20 recorded lectures and readings for Small Group #2)

Although the online modules include self-study questions, these are only for practice and are not worth any points toward the final course grade.

Exams/Assessments

There will be a total of one exam given in OST 577 this semester. Your score on the final exam and your scores on the Super Session quizzes will determine your grade in the course. The exam assessment schedule is as follows:

Assessments	Projected Points	Material to be Covered
WHEN: October 2, 2020 Friday 9:00-11:30 am WHERE: TBA	155 minutes to complete 90 Psychopathology multiple choice questions along with approximately 12 Y&A questions	Lectures (recorded and live) and online modules 9/11 through 9/28 Students are responsible for all content from the recorded lectures, live webinars, online modules, and small group readings, above and beyond what appears in the course pack.

Assessments	Projected Points	Material to be Covered
		Materials discussed <i>exclusively</i> during panels or small group sessions will not appear on the test. However, this content, when also appearing elsewhere, may be emphasized on the exam.

Course Grades

A student's course grade is determined by the following formula:

#Correct Answers Final Exam/90 + Super Session Quizzes/10 = Final Point Score plus completion of mandatory small group and panel attendance

- **P-Pass**—means that credit is granted and that the student achieved a level of performance judged to be satisfactory by the instructor. **To obtain a “P” grade for this course, a student must obtain a minimum of 75 points combined from the Final Exam and Super Session Quizzes. The student must also Pass all of the Pass/Fail experiences (see table below) in order to Pass OST 577.**
- **N-No Grade**—means that no credit is granted and that the student did not achieve a level of performance judged to be satisfactory by the instructor. A student who **accumulates less than 75 points combined on the Final Exam and Super Session Quizzes and/or does not Pass all Pass/Fail experiences will receive an “N” grade. Unprofessional behavior may also result in an “N” grade.**

Experience	Approximate Possible Points
Final Exam – October 2, 2020 from 9-11:30 am	90
Super Session Quizzes – May Accumulate a Total of 10 points (15 questions)	10
Attendance at ALL small Groups	P/N
Attendance at ONE or more panels	P/N
Course and Faculty Evaluation (optional)	-
Student Evaluation of Small Group Preceptor (optional)	-

Attendance

- **Attendance at (and full participation in) ALL small groups is mandatory.**
- **Attendance at a minimum of ONE panel is mandatory.** There is a Posttraumatic Stress Disorder panel with individuals from the Michigan Victim Alliance (MVA) (both video and Q & A must be attended for credit), and a panel of individuals coping with various psychiatric disorders from the National Alliance on Mental Illness (NAMI). The panelists deserve your undivided attention.

Attendance will be taken via the Zoom Webinar function. Students engaging in unprofessional, including off-task, behaviors during panels may not receive credit for attendance along with needing to meet individually with the course coordinators.

Self-Directed Learning in Psychopathology

It is a goal at MSUCOM to promote self-directed learning to help our students grow into strong, self-directed future clinicians. Self-directed learning is also required by medical school accreditation standards. Self-directed learning is a 4-step process that occurs within an encapsulated timeframe. Some of the ways this takes shape in OST 577 is through the use of large group (“Super Sessions”) and small group discussions, which typically unfold as follows:

- **Self-Assessment of Learning Needs** – Students are presented with learning materials prior to a live session, with knowledge that they will engage in assessment prior to the beginning of that session. This provides an opportunity to reflect on knowledge and isolate learning needs related to the provided objectives, seeking out related information.
- **Identification, Analysis, & Synthesis of Information** – In the live sessions, students are provided with additional opportunities to identify, analyze, and synthesize information in relation to their learning surrounding a relevant case or scenario, such as decisions on clinical management for a certain clinical presentation.
- **Appraisal of Information Credibility** – Once students have synthesized gathered information, they will appraise this knowledge and its relevance to the provided case or scenario through both large and small group discussions. Peers will collaboratively construct and assess knowledge as they share perspectives, sources, and probe with related questions.
- **Feedback on Information-Seeking Skills** – Students are provided with feedback on their information seeking skills by facilitators of the live sessions both during the group discussions with targeted group feedback and in summary at the end of group discussions with global notes directed to the group holistically.

Remediation

All remediation exams for semester 5 are scheduled for January 5 and/or 6, 2021.

Remediation Examination Eligibility Criteria:

Students enrolled in OST 577-Psychopathology who do not successfully pass the course with a combined total of 75 or more points are eligible for the remediation examination only if they have demonstrated a substantial level of mastery of the subject material and fulfilled all course requirements. In order to sit for the remediation examination, the student must meet the following criteria:

- The student attempted the final examination on time as scheduled.
- The student obtained a minimum combined total of 65 or more points for the course.
- The student attended and participated in both small groups as assigned.
- The student attended at least one patient panel (NAMI or PTSD).
- The student displayed professional behavior throughout the course in all interactions with peers and faculty; in lectures, small groups and during panels.

Since all the core courses in the MSUCOM pre-clerkship curriculum are required, any student receiving an “N” grade must remediate, if eligible, or repeat the course when next offered. In order to be eligible for remediation, all course requirements must be completed, including successful make-ups for any missed Pass/Fail experiences. Remediation for this course involves a completion of a multiple-choice examination of approximately 50 questions in 75 minutes, with a score of 70% or greater required to pass the remediation. The needed pass rate/point total for the remediation is less than it was for the course (75 points) because there are no quiz points offered for the remediation. Students who fail the remediation exam must retake OST 577 the following year—no alternative options will be provided. Please refer to the remediation policy information provided in Section 2 of this syllabus for additional information on College requirements and eligibility determination.

Student Evaluation of the Course

We want your feedback on how to improve this course.

- Informal Feedback: Feel free to approach your course liaisons with your reactions and suggestions. Office hours, emails through Gini Larson, and D2L Discussion Board are additional ways to elicit and respond to your opinions and suggestions.
- Formal Evaluation: In addition to the above, we **highly recommended that all students fill out an online small group preceptor evaluation**. This will be available starting on Friday 10/02/2020. We also recommend that every student in the class complete a formal on-line course evaluation. COM administration looks at completion of evaluations as evidence of professionalism.
- All online evaluations will close on Friday 10/09/2020. Student feedback provides Course Coordinators with valuable information regarding their performance, the performance of their colleagues, and the quality of the course. The information gained from these evaluations is used to continuously improve future offerings of this course.
- Students can access the evaluation system at: [MSUCOM Pre-clerkship Evaluation System](#).

Section 2 – Policies

Academic Honesty and Professionalism

Every student is responsible for their behavior and is expected to adhere to all MSU and MSUCOM policies of academic honesty and professionalism; including the following:

- [MSUCOM Code of Professional Ethics](#)
- [MSUCOM Statement of Professionalism](#)
- [MSU Medical Student Rights and Responsibilities](#)

If there is any instance of academic dishonesty or unprofessionalism discovered by a member of the faculty, administration or staff, it is his or her responsibility to take appropriate action.

Such action may include but is not limited to: giving a failing grade, referring a student for judicial review, directing the student to the Associate Dean of Medical Education, and any other actions outlined in the Medical Students’ Rights and Responsibilities document.

Absences from Mandatory Class Sessions and Examinations/Assessments

It is the responsibility of every student to know and be in compliance with the MSUCOM policy regarding [absences from mandatory sessions and examinations](#).

Requests for an excused absence must be submitted via the [student portal](#).

Computer-Based Testing

It is the responsibility of every student to know and be in compliance [MSUCOM policy on computer based testing](#)

Remediation Policy

Remediation of an “N” grade will be governed by the [MSUCOM Policy for Retention, Promotion and Graduation](#) and by the remediation section of each course syllabus.

Students deemed eligible for remediation will be informed by the registrar’s office. It is the student’s responsibility to ask the course coordinator about the format and expectations of the remediation experience.

Requests for Special Accommodations

Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities at 517-884-RCPD or on the web at <http://www.rcpd.msu.edu/> . Once your eligibility for an accommodation has been determined, you may be issued a Verified Individualized Services and Accommodation (VISA) form. Please present the VISA to Nancy Thoma, thoman@msu.edu, 965 Wilson Road, Room A333 at the start of the term and/or two weeks prior to the assessment event (test, project, labs, etc.). Requests received after this date will be honored whenever possible.

It is the responsibility of the Student with Accommodations to contact the Course Coordinator and the Curriculum Assistant two weeks prior to the beginning of the semester, when the VISA is obtained prior to the start of the semester. When the VISA is obtained after the start of a semester, the student will notify the Course Coordinator and the Curriculum Assistant two weeks prior to the next scheduled evaluation.

Addendum: Course Schedule

Course schedule will be posted as a separate document on the same web page as this syllabus.